Index to Volume 61

Author Index

Allen, Larry G.—*see* Froeschke et al.
Altamirano-Cerecedo, María del Carmen and Rafael Riosmena-Rodríguez
Vegetative and Reproductive Variability of *Dictyota crenulata* (Phaeophyta: Dictyotales) along the Central and Southwestern Gulf of California, México, 575–586
Ambrose, Richard—*see* Raimondi et al.
Athens, J. S., J. V. Ward, and D. W. Blinn
Vegetation History of Laysan Island, Northwestern Hawaiian Islands, 17–37

Bailey-Brock, Julie H., D. W. Kirtley, Eijiroh Nishi, and Susanne M. J. Pohler
Neosabellaria vitiensis n. sp. (Annelida: Polychaeta: Sabellariidae), from Shallow Water of Suva Harbour, Fiji, 399–406
Barroso-Soto, Ithandehui, Emerita Castillo-Gallardo, Casimiro Quiñonez-Velázquez, and Ramón E. Morán-Angulo
Age and Growth of the Finescale Triggerfish, *Balistes polylepis* (Teleostei: Balistidae), on the Coast of Mazatlán, Sinaloa, Mexico, 121–127
Bell, Christy—*see* Raimondi et al.
Bennett, M. B.—*see* Heupel and Bennett
Bishop, Henry S.—*see* Hollingsworth et al.
Blinn, D. W.—*see* Athens et al.
Borneman, Eric—*see* Glynn et al.
Boseto, David—*see* McCosker et al.
Buden, Donald W.
A New Species of the Genus *Lepidodactylus* Fitzinger (Squamata: Gekkonidae) from the Mortlock Islands, Chuuk State, Federated States of Micronesia, 407–415
Buden, Donald W.
Reptiles of Satawan Atoll and the Mortlock Islands, Chuuk State, Federated States of Micronesia, 417–430
Buden, Donald W., and Dennis R. Paulson
Odonata of Yap, Western Caroline Islands, Micronesia, 267–277
Bursey, Charles R.—*see* Goldberg et al.

Castillo-Gallardo, Emerita—*see* Barroso-Soto et al.
Chiba, Satoshi, Angus Davison, and Hideaki Mori
Endemic Land Snail Fauna (Mollusca) on a Remote Peninsula in the Ogasawara Archipelago, Northwestern Pacific, 257–265
Christy, Michelle T., Craig S. Clark, David E. Gee II, Diane Vice, Daniel S. Vice, Mitchell P. Warner, Claudine L. Tyrrell, Gordon H. Rodda, and Julie A. Savidge
Recent Records of Alien Anurans on the Pacific Island of Guam, 469–483
Clark, Craig S.—*see* Christy et al.
Clements, David R., and Curtis C. Daehler
Introducing a New Series: Biology and Impacts of Pacific Island Invasive Species
Conant Sheila—*see* Hays and Conant
Crawford, Bruce J.—*see* Crawford and Crawford
Crawford, Terry J., and Bruce J. Crawford
Linckia multifora (Echinodermata: Asteroidea) in Rarotonga, Cook Islands: Reproductive Mechanisms and Ecophenotypes, 371–381

Daehler, Curtis C.—*see* Clements and Daehler
Daly, Marymegan—*see* Fautin et al.
Davison, Angus—*see* Chiba et al.
Drazen, Jeffrey C.—*see* Ferry-Graham et al.

Eijzenga, Heather—*see* VanderWerf et al.
El-Kadi, Aly I., and Eric Yamashita
Modeling Streamflows and Flood Delineation of the 2004 Flood Disaster, Mānoa, O'ahu, Hawai'i, 235–255
Escobedo-Urías, Diana C.—*see* Martínez-López et al.

Fautin, Daphne Gail, Cleveland P. Hickman, Jr., Marymegan Daly, and Tina Molodtsova
Shallow-Water Sea Anemones (Cnidaria: Anthozoa: Actiniaria) and Tube Anemones (Cnidaria: Anthozoa: Ceriantharia) of the Galápagos Islands, 549–573
Ferry-Graham, Lara A., Jeffrey C. Drazen, and Veronica Franklin
Laboratory Observations of Reproduction in the Deep-Water Zoarcids *Lycodes cortezianus* and *Lycodapus mandibularis* (Teleostei: Zoarcidae), 129–139
Franklin, Veronica—*see* Ferry-Graham et al.
Froeschke, Bridgette, Larry G. Allen, and Daniel J. Pondella II
Life History and Courtship Behavior of Black Perch, *Embiotoca jacksoni* (Teleostomi: Embiotocidae) from Southern California, 521–5310

Gee II, David E.—*see* Christy et al.
George, Maya—*see* Raimondi et al.
Glynn, Peter W., Gerard M. Wellington, Bernhard Riegl, Donald B. Olson, Eric Borneman, and Evie A. Wieters
Diversity and Biogeography of the Scleractinian Coral Fauna of Easter Island (Rapa Nui), 67–90
Goldberg, Stephen R., Charles R. Bursey, and Fred Kraus
First Report of Gastrointestinal Helminths from the Wokan Cannibal Frog, *Lechriodus melanopyga* (Amphibia: Limnodynastidae) from Papua New Guinea, 431–434
Gruner, Daniel S.—*see* Handler et al.

Hadfield, Michael G.—*see* Holland and Hadfield
Haines, William P.—*see* Handler et al.
Handler, Alex T., Daniel S. Gruner, William P. Haines, Matthew W. Lange, and Kenneth Y. Kaneshiro
Arthropod Surveys on Palmyra Atoll, Line Islands, and Insights into the Decline of the Native Tree *Pisonia grandis* (Nyctaginaceae), 485–502
Hays, Warren S. T., and Sheila Conant
Biology and Impacts of Pacific Island Invasive Species. 1. A Worldwide Review of Effects of the Small Indian Mongoose, *Herpestes javanicus* (Carnivora: Herpestidae), 3–16
Heupel, M. R., and M. B. Bennett
Estimating Abundance of Reef-Dwelling Sharks: A Case Study of the Epaulette Shark, *Hemiscyllium ocellatum* (Elasmobranchii: Hemiscyllidae), 383–394
Hickman, Jr., Cleveland P.—*see* Fautin et al.
Holland, Brenden S., and Michael G. Hadfield
Molecular Systematics of the Endangered Oʻahu Tree Snail *Achatinella mustelina:* Synonymization of Subspecies and Estimation of Gene Flow between Chiral Morphs, 53–66
Hollingsworth, Robert G., Rachel Kaneta, James J. Sullivan, Henry S. Bishop, Yvonne Qvarnstrom, Alexandre J. da Silva, and David G. Robinson
Distribution of *Parmarion* cf. *martensi* (Pulmonata: Helicarionidae), a New Semi-Slug Pest on Hawaiʻi Island, and Its Potential as a Vector for Human Angiostrongyliasis, 457–467
Hunt, Terry L.—*see* Morrison and Hunt

Jenkins, Aaron—*see* McCosker et al.
Jiménez-Rosenberg, S. P. A.—*see* Sánchez-Velasco et al.

Kaneshiro, Kenneth Y.—*see* Handler et al.
Kaneta, Rachel—*see* Hollingsworth et al.
Kirchman, Jeremy J., and David W. Steadman
New Species of Extinct Rails (Aves: Rallidae) from Archaeological Sites in the Marquesas Islands, French Polynesia, 145–163
Kirtley, D. W.—*see* Bailey-Brock et al.
Kraus, Fred—*see* Goldberg et al.

Ladefoged, Thegn N.—*see* Meyer et al.
Lange, Matthew W.—*see* Handler et al.
Lavín, M. F.—*see* Sánchez-Velasco et al.
Lee, Steven—*see* Raimondi et al.
LeGrande, Maya—*see* VanderWerf et al.
Leyte-Morales, G. E.—*see* López-Pérez et al.
Lohse, David—*see* Raimondi et al.
López-Pérez, R. A., M. G. Mora-Pérez, and G. E. Leyte-Morales
Coral (Anthozoa: Scleractinia) Recruitment at Bahías de Huatulco, Western México: Implications for Coral Community Structure and Dynamics, 355–369

Magnacca, Karl N.
Conservation Status of the Endemic Bees of Hawaiʻi, *Hylaeus (Nesoprosopis)* (Hymenoptera: Colletidae), 173–190
Martínez-López, Aída, Ana E. Ulloa-Pérez, and Diana C. Escobedo-Urías
First Record of Vegetative Cells of *Pyrodinium bahamense* (Gonyalucales: Goniodomataceae) in the Gulf of California, 289–293
Maruska, Karen P., and Kimberly A. Peyton
Interspecific Spawning between a Recent Immigrant and an Endemic Damselfish (Pisces: Pomacentridae) in the Hawaiian Islands, 211–221
McCosker, John E., David Boseto, and Aaron Jenkins
Redescription of *Yirrkala gjellerupi*, a Poorly Known Freshwater Indo-Pacific Snake Eel (Anguilliformes: Ophichthidae), 141–144
Messing, Charles G.
The Crinoid Fauna (Echinodermata: Crinoidea) of Palau, 91–111
Meyer, Molly, Thegn N. Ladefoged, and P. M. Vitousek
Soil Phosphorus and Agricultural Development in the Leeward Kohala Field System, Island of Hawaiʻi, 347–353
Miner, C. Melissa—*see* Raimondi et al.
Molodtsova, Tina—*see* Fautin et al.
Mora-Pérez, M. G.—*see* López-Pérez et al.
Morán-Angulo, Ramón E.—*see* Barroso-Soto et al.
Mori, Hideaki—*see* Chiba et al.
Morrison, Alex E., and Terry L. Hunt
Human Impacts on the Nearshore Environment: An Archaeological Case Study from Kaua'i, Hawaiian Islands, 325–345
Murray, Steven—*see* Raimondi et al.

Nishi, Eijiroh—*see* Bailey-Brock et al.
Norris, Tom F.—*see* Rankin et al.

O'Doherty, Dániel C., and Alison R. Sherwood
Genetic Population Structure of the Hawaiian Alien Invasive Seaweed *Acanthophora spicifera* (Rhodophyta) as Revealed by DNA Sequencing and ISSR Analyses, 223–233
Oedekoven, Cornelia—*see* Rankin et al.
Oliver, Paul M.—*see* Richards and Oliver
Olson, Donald B.—*see* Glynn et al.

Paulay, Gustav
Metopograpsus oceanicus (Crustacea: Brachyura) in Hawaiʻi and Guam: Another Recent Invasive?, 295–300
Paulson, Dennis R.—*see* Buden and Paulson
Peyton, Kimberly A.—*see* Maruska and Peyton
Pohler, Susanne M. J.—*see* Bailey-Brock et al.
Pondella II, Daniel J.—*see* Froeschke et al.
Pratchett, Morgan S.
Feeding Preferences of *Acanthaster planci* (Echinodermata: Asteroidea) under Controlled Conditions of Food Availability, 113–120

Qualls, Fiona J.—*see* Savidge et al.
Quiñonez-Velázquez, Casimiro—*see* Barroso-Soto et al.
Qvarnstrom, Yvonne—*see* Hollingsworth et al.

Raimondi, Peter, Raphael D. Sagarin, Richard Ambrose, Christy Bell, Maya George, Steven Lee, David Lohse, C. Melissa Miner, and Steven Murray
Consistent Frequency of Color Morphs in the Sea Star *Pisaster ochraceus* (Echinodermata: Asteriidae) across Open-Coast Habitats in the Northeastern Pacific, 201–210
Rankin, Shannon, Tom F. Norris, Mari A. Smultea, Cornelia Oedekoven, Ann M. Zoidis, Ethan Silva, and Julie Rivers
A Visual Sighting and Acoustic Detections of Minke Whales, *Balaenoptera acutorostrata* (Cetacea: Balaenopteridae), in Nearshore Hawaiian Waters, 395–398
Richards, Stephen J., and Paul M. Oliver
A New Species of *Cophixalus* (Anura: Microhylidae) from Misima Island, Papua New Guinea, 279–287
Riegl, Bernhard—*see* Glynn et al.
Riosmena-Rodríguez, Rafael—*see* Altamirano-Cerecedo et al.
Rivers, Julie—*see* Rankin et al.
Robinson, David G.—*see* Hollingsworth et al.
Rodda, Gordon H.
see Christy et al.
see Savidge et al.
Rodda, Gordon H., and Julie A. Savidge
Biology and Impacts of Pacific Island Invasive Species. 2. *Boiga irregularis*, the Brown Tree Snake (Reptilia: Colubridae), 307–324

Sabater, Marlowe G. and Saolotoga P. Tofaeono
Scale and Benthic Composition Effects on Biomass and Trophic Group Distribution of Reef Fishes in American Samoa, 503–520
Sagarin, Raphael D.—*see* Raimondi et al.
Sánchez-Velasco, L., S. P. A. Jiménez-Rosenberg, and M. F. Lavín
Vertical Distribution of Fish Larvae and Its Relation to Water Column Structure in the Southwestern Gulf of California, 533–548
Savidge, Julie A.
see Christy et al.
see Rodda and Savidge
Savidge, Julie A., Fiona J. Qualls, and Gordon H. Rodda
Reproductive Biology of the Brown Tree Snake, *Boiga irregularis* (Reptilia: Colubridae), during Colonization of Guam and Comparison with That in Their Native Range, 191–199
Sherwood, Alison R.—*see* O'Doherty and Sherwood
Silva, Ethan—*see* Rankin et al.
da Silva, Alexandre J.—*see* Hollingsworth et al.
Smultea, Mari A.—*see* Rankin et al.
Staples, G. W.
Checklist of Pacific *Operculina* (Convolvulaceae), Including a New Species, 587–593
Steadman, David W.—*see* Kirchman and Steadman
Sullivan, James J.—*see* Hollingsworth et al.
Swenson, Chris—*see* VanderWerf et al.

Tofaeono, Saolotoga P.—*see* Sabater and Tofaeono
Tyrrell, Claudine L.—*see* Christy et al.

Ulloa-Pérez, Ana E.—*see* Martínez-López et al.

VanderWerf, Eric A., Ken R. Wood, Chris Swenson, Maya LeGrande, Heather Eijzenga, and Ronald L. Walker
Avifauna of Lehua Islet, Hawai'i: Conservation Value and Management Needs, 39–52
Vice, Daniel S.—*see* Christy et al.
Vice, Diane—*see* Christy et al.
Vitousek, P. M.—*see* Meyer et al.

Walker, Ronald L.—*see* VanderWerf et al.
Ward, J. V.—*see* Athens et al.
Warner, Mitchell P.—*see* Christy et al.
Wellington, Gerard M.—*see* Glynn et al.
Wetterer, James K.
Biology and Impacts of Pacific Islands Invasive Species. 3. The African Big-Headed Ant, *Pheidole megacephala* (Hymenoptera: Formicidae), 437–456
Wieters, Evie A.—*see* Glynn et al.
Wood, Ken R.—*see* VanderWerf et al.

Yamashita, Eric—*see* El-Kadi and Yamashita

Zoidis, Ann M.—*see* Rankin et al.

Subject Index

Acanthaster planci, feeding preferences of, 113–120
Acanthophora spicifera, genetic population structure of, 219–229
Achatinella mustelina, molecular systematics of, 53–66
Actiniaria, 549–573
Amphibia, 431–434
anemones, sea and tube, of the Galápagos Islands, 549–573
angiostrongyliasis, human, semi-slug vector of, 457–467
Anguilliformes, 141–144
Annelida, 399–406
ant, African big-headed—see *Pheidole megacephala*
Anthozoa, 355–369, 549–573
Anura, 275–283
anurans, alien, on Guam, 469–483
archaeological case study from Kaua'i: human impacts on nearshore environment, 325–345
arthropod surveys on Palmyra Atoll, 485–502
Asteriidae, 197–206
Asteroidea, 113–120, 371–381
Aves, 145–163
avifauna of Lehua Islet, Hawai'i, conservation value and management needs, 39–52

Balaenoptera acutorostrata, visual sighting and acoustic detections in nearshore Hawaiian waters, 395–398
Balaenopteridae, 395–398
Balistes polylepis, age and growth of, in Mexico, 121–127
Balistidae, 121–127
bees—see *Hylaeus (Nesoprosopis)*
biology and impacts of Pacific island invasive species, 1, 3–16, 307–324, 437–456
Boiga irregularis, biology and impacts of, 307–324
reproductive biology of, 187–195
Brachyura, 291–296

Carnivora, 3–16
Ceriantharia, 549–573
Cetacea, 395–398
Cnidaria, 549–573
Colletidae, 169–186
Colubridae, 187–195, 307–324
Convolvulaceae, 587–593
Cophixalus, n. sp. from New Guinea, 275–283
coral recruitment in western México, 355–369
corals, scleractinian, of Easter Island, diversity and biogeography of, 67–90
Crinoidea, 91–111
crinoid fauna of Palau, 91–111
Crustacea, 291–296

damselfish, interspecific spawning of recent immigrant and an endemic in Hawai'i, 207–217
Dictyota crenulata, vegetative and reproductive variability, 575–586
Dictyotales, 575–586

Easter Island (Rapa Nui), diversity and biogeography of scleractinian coral fauna of, 67–90
Echinodermata, 91–111, 113–120, 197–206, 371–381
eel, snake—see *Yirrkala gjellerupi*
Elasmobranchii, 383–394
Embiotoca jacksoni, life history and courtship behavior, 521–531
Embiotocidae, 521–531

fishes, reef, biomass and trophic group distribution in American Samoa, 503–520
fish larvae, vertical distribution and water column structure, 533–548
Formicidae, 437–456
frog, Wokan cannibal—see *Lechriodus melanopyga*

Gekkonidae, 421–429
Goniodomataceae, 285–289
Gonyalucales, 285–289

Helicarionidae, 457–467
helminths, gastrointestinal, from *Lechriodus melanopyga* from Papua New Guinea, 431–434
Hemiscyllidae, 383–394
Hemiscyllium ocellatum, estimating abundance of, 383–394
Herpestes javanicus, worldwide review of effects of, 3–16
Herpestidae, 3–16
Hylaeus (Nesoprosopis), conservation status of, 169–186
Hymenoptera, 169–186, 437–456

Kohala Field System: soil phosphorus and agricultural development, 347–353

Laysan Island, vegetation history of, 17–37
Lepidodactylus, n. sp. from the Mortlock Islands, Micronesia, 421–429
Limnodynastidae, 431–434
Linckia multifora reproductive mechanisms and ecophenotypes in Rarotonga, 371–381

Metopograpsus oceanicus in Hawai'i and Guam, 291–296
Microhylidae, 275–283
modeling streamflows and flood delineation of 2004 O'ahu flood, 231–251
Mollusca, 253–261

Neosabellaria vitiensis, n. sp., from Fiji, 399–406
Nyctaginaceae, 485–502

Odonata of Yap, 263–273
Operculina, checklist of Pacific, and a new species, 587–593
Ophichthidae, 141–144

Palau, crinoid fauna of, 91–111
Parmarion cf. *martensi*, distribution of, 457–467
perch, black—see *Embiotoca jacksoni*
Phaeophyta, 575–586
Pheidole megacephala, biology and impacts of, 437–456

Pisaster ochraceus, consistent frequency of color morphs of, 197–206
Pisces, 207–217
Pisonia grandis, decline on Palmyra Atoll, 485–502
Polychaeta, 399–406
Pomacentridae, 207–217
Pulmonata, 457–467
Pyrodinium bahamense, first record of vegetative cells in the Gulf of California, 285–289

rails, extinct, new species from the Marquesas Islands, 145–163
Rallidae, 145–163
reptiles of Satawan Atoll and the Mortlock Islands, Micronesia, 407–420
Reptilia, 187–195, 307–324
Rhodophyta, 219–229

Sabellariidae, 399–406
Scleractinia, 355–369
sea star—see *Pisaster ochraceus*
shark, epaulette—see *Hemiscyllium ocellatum*
snail, endemic land, fauna in Ogasawara Archipelago, 253–261
snake, brown tree—see *Boiga irregularis*
Squamata, 421–429

Teleostei, 121–127, 129–139
Teleostomi, 521–531
triggerfish, finescale—see *Balistes polylepis*

vegetation history of Laysan Island, 17–37

whale, minke—see *Balaenoptera acutorostrata*

Yirrkala gjellerupi, redescription of, 141–144

Zoarcidae, 129–139
zoarcids *Lycodes cortezianus* and *Lycodapus mandibularis*, laboratory observations of reproduction in, 129–139